

In the Claims

1. (Currently amended) A system for delivering a chemical agent-containing formulation in the form of a spray or stable foam, the system comprising an aerosol dispenser containing a homogeneous stable aqueous formulation comprising the chemical agent in a solution or stable suspension and an anionic surface active agent as a delivery agent, the system having been prepared by a method that comprises forming the stable formulation and storing it as a single composition in the aerosol dispenser, wherein the surface active agent comprises sodium lauryl sulfate present at a concentration of between about 0.1% and about 1%, by weight, based on the weight of the formulation.

2. (canceled)

3. (canceled)

4. (canceled)

5. (Currently amended) A system according to claim ~~[[3]]~~ 1 wherein the formulation comprises hydrogen peroxide as the chemical agent.

6. (Original) A system according to claim 5 wherein the formulation is an oral formulation.

7. (Currently amended) ~~A system according to claim 5~~ A system for delivering a chemical agent-containing formulation in the form of a spray or stable foam, the system comprising an aerosol dispenser containing a homogeneous stable aqueous formulation comprising the chemical agent in a solution or stable suspension and an anionic surface active agent as a delivery agent, the system having been prepared by a method that comprises forming the stable formulation and storing it as a single composition in the aerosol dispenser, wherein the surface

active agent comprises sodium lauryl sulfate, and the formulation comprises hydrogen peroxide as the chemical agent, and wherein the formulation further comprises glycerin.

8. (Currently amended) ~~A system according to claim 5~~ for delivering a chemical agent-containing formulation in the form of a spray or stable foam, the system comprising an aerosol dispenser containing a homogeneous stable aqueous formulation comprising the chemical agent in a solution or stable suspension and an anionic surface active agent as a delivery agent, the system having been prepared by a method that comprises forming the stable formulation and storing it as a single composition in the aerosol dispenser, wherein the surface active agent comprises sodium lauryl sulfate, and the formulation comprises hydrogen peroxide as the chemical agent, and wherein the hydrogen peroxide is present at a concentration of between about 1% and about 3%, by weight, based on the weight of the formulation.

9. (Canceled)

10. (Canceled)

11. (Previously presented) A method of delivering a chemical agent-containing formulation in the form of a spray or stable foam, the method comprising the steps of: (1) providing an aerosol dispenser containing a formulation comprising the chemical agent and an anionic surface active agent as a delivery agent, wherein the formulation and dispenser have themselves been provided by a method that comprises the steps of forming the stable formulation and storing it as a single composition in the aerosol dispenser, and (2) delivering the formulation in the form of a spray or stable foam by activation of the dispenser.

12. (Original) A method according to claim 11 wherein the surface active agent is selected from the group consisting of sodium lauryl sulfate, sodium cocomonoglyceride

sulfonate, sodium lauryl sarcosinate, sodium dodecyl benzenesulfonate, dioctyl sodium sulfosuccinate, sodium lauryl sulfoacetate, sulfolaurate, and the 2-hydroxyalkyl sulfates.

13. (Original) A method according to claim 12 wherein the surface active agent comprises sodium lauryl sulfate.

14. (Original) A method according to claim 13 wherein sodium lauryl sulfate is present at a concentration of between about 0.1% and about 1%, by weight, based on the weight of the formulation.

15. (Original) A method according to claim 11 wherein the formulation comprises hydrogen peroxide as the chemical agent.

16. (Original) A method according to claim 15 wherein the formulation is an oral formulation.

17. (Original) A method according to claim 15 wherein the formulation further comprises glycerin.

18. (Original) A method according to claim 15 wherein the hydrogen peroxide is present at a concentration of between about 1% and about 3%, by weight, based on the weight of the formulation.

19. (Canceled)

20. (Canceled)

21. (Canceled)

22. (Currently amended) A system according to claim 21 for delivering a chemical agent-containing formulation in the form of a spray or stable foam, the system comprising an aerosol dispenser containing a homogeneous stable aqueous formulation comprising the chemical agent in a solution or stable suspension and an anionic surface active

agent as a delivery agent, wherein the surface active agent is selected from the group consisting of sodium lauryl sulfate, sodium cocomonoglyceride sulfonate, sodium lauryl sarcosinate, sodium dodecyl benzenesulfonate, dioctyl sodium sulfosuccinate, sodium lauryl sulfoacetate, sulfolaurate, and the 2-hydroxyalkyl sulfates, and wherein the formulation is an oral formulation that comprises hydrogen peroxide as the chemical agent, wherein the hydrogen peroxide is present at a concentration of between about 1% and about 3%, by weight, based on the weight of the formulation.

23. (Previously presented) A system according to claim 22 wherein the surface active agent comprises sodium lauryl sulfate at a concentration of between about 0.1% and about 1%, by weight, based on the weight of the formulation.

24. (Canceled)

25. (Canceled)

26. (Canceled)

27. (Previously presented) A method of delivering a chemical agent-containing formulation in the form of a spray or stable foam, the method comprising the steps of: (1) providing an aerosol dispenser containing a formulation comprising the chemical agent and an anionic surface active agent as a delivery agent, and (2) delivering the formulation in the form of a spray or stable foam by activation of the dispenser, wherein the surface active agent is selected from the group consisting of sodium lauryl sulfate, sodium cocomonoglyceride sulfonate, sodium lauryl sarcosinate, sodium dodecyl benzenesulfonate, dioctyl sodium sulfosuccinate, sodium lauryl sulfoacetate, sulfolaurate, and the 2-hydroxyalkyl sulfates, and wherein the formulation is an oral formulation that comprises hydrogen peroxide as the chemical agent.

28. (Previously presented) A method according to claim 27 wherein the hydrogen peroxide is present at a concentration of between about 1% and about 3%, by weight, based on the weight of the formulation.

29. (Previously presented) A method according to claim 28 wherein the surface active agent comprises sodium lauryl sulfate at a concentration of between about 0.1% and about 1%, by weight, based on the weight of the formulation.

30. (Canceled)

31. (Canceled)

32. (Canceled)